



ISO 9001:2000
REGISTERED

GT-91085



**Power over Ethernet (PoE) Active Injector/Midspan
IEEE 802.3AF Compliant**



ELECTRICAL SPECIFICATIONS:

INPUT VOLTAGE:
90-264 VAC, 50-60 HZ

INPUT CURRENT:
<0.4 A@110 VAC

OUTPUT VOLTAGE:
-48 VDC

OUTPUT CURRENT:
0.32 A

MINIMUM LOAD:
NONE REQUIRED

LOAD REGULATION:
± 5% MAXIMUM

LINE REGULATION:
±1% MAXIMUM

RIPPLE:
2% MAXIMUM (DC TO 20MHZ TERMINATED WITH A 47UF CAPACITOR AND 0.1UF MPE CAPACITOR OF PROPER POLARITY)

NOISE:
5% MAXIMUM (DC TO 20MHZ TERMINATED WITH A 47UF CAPACITOR AND 0.1UF MPE CAPACITOR OF PROPER POLARITY)

OPERATION FREQUENCY:
100KHZ (MIN)

EFFICIENCY:
78% MIN @-48VIN DC

PROTECTION:

SHORT CIRCUIT PROTECTION: AUTORECOVERY WITHOUT DAMAGE TO PSU

CURRENT LIMITS:

150% RATED CURRENT MAXIMUM

ISOLATION VOLTAGE:

3000 VDC

ISOLATION RESISTANCE:

100 MOHMS (MIN)

THERMAL:

INTERNALLY PROTECTED AGAINST OVER-TEMPERATURE CONDITIONS

INTEROPERABILITY:

COMPLIES WITH IEEE 802.3 AF, TESTED BY UNH-IOL

EMI:

DESIGNED TO MEET FCC CLASS B , EN55022 CLASS B STANDARD

SAFETY:

DESIGNED TO MEET UL/EN/IEC 60950-1

OPERATION TEMPERATURE:

-0 - +60 DEGREE

STORAGE TEMPERATURE:

-10 - +70 DEGREE

OPERATION HUMIDITY:

5% - 90% RH

COOLING:

CONVECTION COOLING

OUTPUT VOLTAGE / CURRENT:

CLASS II WITH FUNCTIONAL EARTH ITE MODEL OUTPUT RATING

MODEL NUMBER CLASS I MODEL OUTPUT RATING	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (A)	RATED OUTPUT POWER (W)
GT-91085-1548	+48.0	0.32	0 - 15
	+DATA		

SPECIFICATIONS MAY CHANGE WITHOUT PRIOR NOTICE. CONSULT GLOBTEK CUSTOMER SERVICE FOR LATEST SPECIFICATIONS.



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ENCLOSURE

MECHANICAL SPECIFICATIONS:

HIGH IMPACT PLASTIC, 94V0 POLYCARBONATE, NON-VENTED, COLOR BLACK

